

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S282	29	("20010046205"   "20020003774"   "20020064214"   "20020184453"   "20020191535"   "20030012308"   "20030128656"   "20040071104"   "20040136349"   "20040160987"   "20050120097"   "20080285670"   "5818813"   "5973638"   "6097771"   "6115354"   "6141542"   "6317612"   "6345036"   "6492942"   "6545997"   "6597682"   "6728233"   "6990059"   "6992972"   "7009931"   "7068628"   "7492737"   "7623871").PN.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 15:34
L2	31	L1 or "6785513".pn. or "7006483".pn.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 17:49
L1	29	("20010046205"   "20020003774"   "20020064214"   "20020184453"   "20020191535"   "20030012308"   "20030128656"   "20040071104"   "20040136349"   "20040160987"   "20050120097"   "20080285670"   "5818813"   "5973638"   "6097771"   "6115354"   "6141542"   "6317612"   "6345036"   "6492942"   "6545997"   "6597682"   "6728233"   "6990059"   "6992972"   "7009931"   "7068628"   "7492737"   "7623871").PN.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 17:49

L14	226	pilot with estimat\$ and L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 17:53
L13	671	(L9 or L10 or L11 or L12)	US-PGPUB; USPAT	ADJ	ON	2010/12/10 17:53
L12	342	((STEVEN) near2 (HOWARD)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 17:53
L11	169	((JOHN) near2 (KETCHUM)). INV.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 17:53
L10	281	((MARK) near2 (WALLACE)). INV.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 17:53
L9	187	((J) near2 (WALTON)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 17:53
L16	25	pilot with estimat\$ same (forward or downlink or Random) with channel and L13 and @ad<= "20031030"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 17:54
L15	86	pilot with estimat\$ same (forward or downlink or Random) with channel and L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 17:54
L19	5	L18 and 375/276,299,346- 347.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 17:59
L18	364	pilot with channel with estimat\$ and (RACH or random access channel) same request\$4	US-PGPUB; USPAT	ADJ	ON	2010/12/10 17:59
L17	129	(frame or packet) same random access with channel same (uplink or reverse) and (frame or packet) same (pilot) same (broadcast or common) with (forward or downlink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 17:59
L20	29	I18 and 370/310,328,347. ccls.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 18:00
L23	0	L21 and 375/276,299,346- 347.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 18:01
L22	11	I21 and 370/310,328,347. ccls.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 18:01

L21	120	(random access with channel or RACH) same (uplink or reverse) and (pilot) same channel with estimat\$ and schedul\$ same (forward or downlink) with control with channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 18:01
L26	29	(random access with channel or RACH) same (MIMO or sIMO or steer\$4 or vecto\$4 or beam\$4 or eigen\$) and (pilot) same channel with estimat\$ and @ad<="20041030"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 18:04
L25	93	(random access with channel or RACH) same (MIMO or sIMO or steer\$4 or vecto\$4 or beam\$4 or eigen\$) and (pilot) same channel with estimat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 18:04
L24	19	(random access with channel or RACH) same (MIMO or sIMO or steer\$4 or vecto\$4 or beam\$4 or eigen\$) and (pilot) same channel with estimat\$ and schedul\$ same (forward or downlink) with control with channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 18:04
L27	11	(random access with channel or RACH) same (MIMO or sIMO or steer\$4 or vecto\$4 or beam\$4 or eigen\$) same (pilot or beacon or preamble) same channel with estimat\$ and @ad<="20041030"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 18:06
L28	108	pilot with (channel near3 estimat\$) same pilot with (channel near3 estimat\$) and (random access with channel or RACH) and (beam-steer\$ or steer\$4 or SIMO or spatial process\$4) and (forward or broadcast\$4 or downlink) with channel and (random access with channel or RACH) and (beam-steer\$ or steer\$4 or SIMO or spatial process\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 18:09
L31	4	L29 and 375/276,299,346-347.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 18:10
L30	8	L29 and 370/310,328,347.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/12/10 18:10

L29	100	pilot with (channel near3 estimat\$) and (random access with channel or RACH) and (beam-steer\$ or steer\$4 or SIMO or spatial process\$4) and (forward or broadcast\$4 or downlink) with channel same (random access with channel or RACH) and (beam-steer\$ or steer\$4 or SIMO or spatial process\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/10 18:10
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**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	108	pilot with (channel near3 estimat\$) same pilot with (channel near3 estimat\$) and (random access with channel or RACH) and (beam-steer\$ or steer \$4 or SIMO or spatial process\$4) and (forward or broadcast \$4 or downlink) with channel and (random access with channel or RACH) and (beam-steer\$ or steer\$4 or SIMO or spatial process \$4)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/12/10 17:49
L5	26	pilot with (channel near3 estimat\$) same (beam-steer\$ or steer \$4 or SIMO or spatial process\$4) and (forward or broadcast \$4 or downlink) with channel and (random access with channel or RACH)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/12/10 17:50

L4	5	pilot with (channel near3 estimat\$) same (random access with channel or RACH) same (beam-steer\$ or steer\$4 or SIMO or spatial process\$4) and (forward or broadcast \$4 or downlink) with channel and (random access with channel or RACH) and (beam-steer\$ or steer\$4 or SIMO or spatial process \$4)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/12/10 17:50
L6	91	pilot with (broadcast \$4 or channel with estimat\$4) same (forward or downlink) with channel same (random access with channel or RACH)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/12/10 17:51
L7	10	pilot with (broadcast \$4 or channel with estimat\$4) same (forward or downlink) with channel same (random access with channel or RACH) same (beam\$ or steer \$4 or vector or eigen \$)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/12/10 17:52
L8	10	pilot with (broadcast \$4 or channel with estimat\$4) same (forward or downlink) same (random access with channel or RACH) same (beam\$ or steer \$4 or vector or eigen \$)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/12/10 17:53

12/10/2010 6:11:57 PM

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